

In the Claims:

Please amend the claims as indicated below.

1. (Currently Amended) Method of auto-tuning a radio FM-receiver having a receiver frequency band, the method comprising: by

scanning the receiver frequency band until a FM signal is received that has a signal strength greater than a FM threshold and that is in an automatic frequency control (AFC) window associated with a valid FM station; meeting criteria for identifying the FM signal as being of a predetermined quality, particularly coming from a valid FM station, wherein

immediately after receiving said FM signal meeting said criteria, testing whether the FM signal meets criteria, including

checking whether the signal strength of the FM signal is greater than the FM threshold,

when the signal strength of the FM signal is greater than the FM threshold,

checking whether the FM signal is in the AFC window, and

incrementing a count when the FM signal is in the AFC window;

repeating the testing step a predetermined number of times; [[,]] and

storing information denoting a frequency of the FM signal when the count indicates that both of the criteria only if the criteria regarding quality and station are met a majority of the predetermined number of times.

2. (Currently Amended) Method as claimed in claim 1, wherein that the predetermined number of times is results are read 10 times and the information denoting the [[a]] frequency of the FM signal is only stored when the count is only if at least 8 times thereof the criteria are met.

3. (Currently Amended) Auto-tuning device comprising:

means for registering whether or not a FM signal, received in a radio FM receiver, meets criteria for identifying the FM signal as being of a predetermined quality

and being within an automatic frequency control (AFC) window associated with a valid FM station,

counting means for registering, within an interval immediately after receiving said FM signal, a number of times within a predetermined number of times that said FM signal meets both of the criteria, and

means for storing information denoting a frequency of the FM signal only if the criteria are met a majority of the predetermined number of times within said interval.

4. (New) The method of claim 1, wherein scanning the receiver frequency band includes scanning a frequency range from 87.5 to 108.5 MHz.

5. (New) The method of claim 1, wherein scanning the receiver frequency band includes sweeping a local oscillator (LO) signal in a range from 98.2 to 119.2 MHz in steps of 50 kHz.

6. (New) The method of claim 5, further comprising performing the testing step the predetermined number of times for each LO sweep and, at the beginning of each LO sweep, resetting the count to zero.

7. (New) The method of claim 6, wherein the predetermined number of times is 10 and, for each LO sweep, storing information denoting the frequency of the FM signal when the count is at least 8.